

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Robert Kehl Sink
APPLICATION NO.: 10/751,041
FILING DATE: December 31, 2003
TITLE: Multi-Spot Laser Surgical Apparatus and Method
EXAMINER: Not yet known
GROUP ART UNIT: 2875
ATTY. DKT. NO.: 23920-08335

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: Nov. 24, 2004

By: Michael W. Farn

Michael W. Farn, Reg. No. 41,015

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

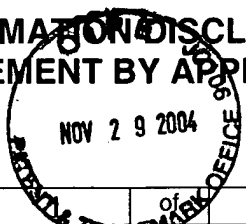
Respectfully submitted,
ROBERT KEHL SINK

Dated: Nov. 24, 2004

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application No.	10/751,041
		Filing Date	December 31, 2003
		First Named Inventor	Robert Kehl Sink
		Art Unit	2875
		Examiner Name	Not yet known
		Attorney Docket Number	23920-08335
Sheet	5		

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-2002/0002367 A1	01-03-2002	Tankovich et al.
		US-2002/0138072 A1	09-26-2002	Black et al.
		US-2002/0161357 A1	10-31-2002	Anderson et al.
		US-2004/0015157 A1	01-22-2004	Connors et al.
		US-2004/0143247 A1	07-21-2004	Anderson et al.
		US-3,622,743	11-23-1971	Muncheryan
		US-4,653,495	03-31-1987	Nanaumi
		US-4,672,969	06-16-1987	Dew
		US-4,733,660	03-29-1988	Itzkan
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		US-5,000,752	03-19-1991	Hoskin et al.
		US-5,192,278	03-09-1993	Hayes et al.
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		US-5,643,252	07-01-1997	Waner et al.
		US-5,707,403	01-13-1998	Grove et al.
		US-5,735,844	04-07-1998	Anderson et al.

Examiner Signature		Date Considered	
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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		US-5,746,735	05-05-1998	Furumoto et al.
		US-5,759,200	06-02-1998	Azar
		US-5,810,801	09-22-1998	Anderson et al.
		US-5,817,089	10-06-1998	Tankovich et al.
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		US-5,897,549	04-27-1999	Tankovich
		US-5,925,035	07-20-1999	Tankovich
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		US-5,964,749	10-12-1999	Eckhouse et al.
		US-5,968,033	10-19-1999	Fuller et al.
		US-5,983,900	11-16-1999	Clement et al.
		US-6,015,404	01-18-2000	Altshuler et al.
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		US-6,120,497	09-19-2000	Anderson et al.
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		US-6,152,917	11-28-2000	Tankovich
		US-6,162,211	12-19-2000	Tankovich et al.
		US-6,197,020	03-06-2001	O'Donnell Jr.
		US-6,219,575	04-17-2001	Nemati
		US-6,241,753	06-05-2001	Knowlton

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		US-6,267,771	07-31-2001	Tankovich et al.
		US-6,273,884	08-14-2001	Altshuler et al.
		US-6,315,772	11-13-2001	Marchitto et al.
		US-6,328,733	12-11-2001	Trost
		US-6,344,051	Withdrawn	
		US-6,350,261	02-26-2002	Domankevitz et al.
		US-6,375,672	04-23-2002	Aksan et al.
		US-6,387,089	05-14-2002	Kreindel et al.
		US-6,391,022	05-21-2002	Furumoto et al.
		US-6,395,000	05-28-2002	Mitchell et al.
		US-6,413,267	07-02-2002	Dumoulin-White et al.
		US-6,443,946	09-03-2002	Clement et al.
		US-6,508,813	01-21-2003	Altshuler
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		US-6,514,244	02-04-2003	Pope et al.
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		US-6,569,156	05-27-2003	Tankovich et al.
		US-6,572,637	06-03-2003	Yamazaki et al.
		US-6,575,963	06-10-2003	Van Saarloos et al.
		US-6,579,283	06-17-2003	Tobinick

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		US-6,605,080	08-12-2003	Altshuler et al.
		US-6,613,040	09-02-2003	Tankovich et al.
		US-6,613,042	09-02-2003	Tankovich et al.
		US-6,632,219	10-14-2003	Baranov et al.
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		US-6,723,090	04-20-2004	Altshuler et al.
		US-6,746,444	06-08-2004	Key
		US-6,758,845	07-06-2004	Weckwerth et al.
		US-RE36,634	03-28-2000	Ghaffari
		US-RE36,872	09-12-2000	Zair

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	1	WO 01/26573 A1	04-19-2001	Coherent, Inc.	
	2	WO 01/39834 A1	06-07-2001	Radiancy, Inc.	
	3	WO 01/74265	10-11-2001	Frangineas	
	4	WO 02/22035	03-21-2002	Khomchenko	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	5	Andersen, Dan E. et al., "System for the automated photothermal treatment of cutaneous vascular lesions," <i>Journal of Biomedical Optics</i> 9(2) (March/April 2004), pages 308-314.	

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	6	Apfelberg, David B. et al., "Dot or Pointillistic Method for Improvement in Results of Hypertrophic Scarring in the Argon Laser Treatment of Portwine Hemangiomas", <i>Lasers in Surgery and Medicine</i> , Vol. 6 (1987), pages 552-558.	
	7	Apfelberg, David B., "Intralesional Laser Photocoagulation – Sterioids as an Adjunct to Surgery for Massive Hemangiomas and Vascular Malformations," <i>Annals of Plastic Surgery</i> , Vol. 35, No. 2 (August 1995), pages 144-149.	
	8	Fujii, Hitoshi et al., "Multispot laser photocoagulation system using a fiber bundle scanner," <i>Applied Optics</i> , Vol. 21, No. 19, 1 October 1982, pages 3437-3442.	
	9	Guo, Ruixiang et al., "Application of an all-solid-state, frequency-doubled Nd:YAP laser to the generation of twin beams at 1080 nm," <i>Applied Optics</i> , Vol. 41, No. 12, 20 April 2002, pages 2304-2307.	
	10	Manstein, Dieter et al., "Fractional Photothermolysis: A New Concept for Cutaneous Remodeling Using Microscopic Patterns of Thermal Injury," <i>Lasers in Surgery and Medicine</i> , Vol. 34 (2004), pages 426-438.	
	11	Mordon, Serge et al., "Using a 'Non Uniform Pulse Sequence' can Improve Selective Coagulation with a Nd:YAG Laser (1.06 micron) Thanks to Met-Hemoglobin Absorption: A Clinical Study on Blue Leg Veins," <i>Lasers in Surgery and Medicine</i> , Vol. 32 (2003), pages 160-170.	
	12	Ou, Z.Y. et al., "85% efficiency for cw frequency doubling from 1.08 to 0.54 microns," <i>Optics Letters</i> , Vol. 17, No. 9, May 1, 1992, pages 640-642.	
	13	Wyant, J.C., "Rotating Diffraction Grating Laser Beam Scanner," <i>Applied Optics</i> , Vol. 14, May 1975, pages 1057-1058.	

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